

ABSTRACT OF THE DISCLOSURE

A high density ceramic thick film is fabricated by providing vehicle comprising an organic binder and solvent, dispensing ceramic powders into the vehicle to be paste, forming the paste to thick film by screen printing, removing the organic binder from the film, applying sol or sol-like solution to the surface of the film so that the sol or sol-like solution can infiltrate into the film, removing remaining sol or sol-like solution from the surface of the film, drying and preheating the film, and sintering the film.